



SIMPLIFIED HOLLOW BLADE
SHOWING AIR/FUEL/EXHAUST
PATH IN FROM CIRCUMFERENCE
& OUT BLADE TRAILING EDGE.

COMMERCIAL USE LICENSE

COST: _____ EA.

(10 MINIMUM.)

FREE FOR PERSONAL USE.

APPROXIMATE FABRICATION

COST: _____ EA.

USE CASES & FEATURES

MOTOR:

MULTI-FUEL (HYBRID) RIM DRIVEN MOTOR, COMBUSTION & ELECTRIC, PERIMETER FAN IN HOUSING + INNER PROP + ROTATING TIRE AT CIRCUMFERENCE WRAPPING MOTOR HOUSING EDGE

CLAMSHELL FAN BLADES:

DRIVEN BY PRESSURE, COMBUSTION, + MAGNETISM AT CIRCUMFERENCE. EXHAUST/PRESSURE FLOWS INTO DIRECTION OF THRUST. HOLLOW BLADES ACT AS SHARED AIR/FUEL/SPARK VALVE(S.)

BLADE DEFLECTION CONTROL:

REMOVABLE AXIAL BLADE LOCK (DROP-IN AXLE)

WATER TURBINE:

FLOW WATER THROUGH MOTOR CENTER AND IT FUNCTIONS AS AN ELECTRIC TURBINE.

COMPRESSED AIR MICROTURBINE: CONNECT TO A PRESSURIZED AIR/WIND SOURCE AND IT FUNCTIONS AS AN ELECTRIC TURBINE.

ELECTRIC BRAKE, ALTERNATOR, TURBINE:

RELUCTANCE MOTOR ROTORS & STATORS FUNCTION AS BRAKE & ALTERNATOR

TANK TREAD TRANSMISSION:

ON/OFF

CIRCUMFERENCE TIRE & COG: CHAIN DRIVE &

MOTOR HOUSING ATTACHMENTS:

CONTRA ROTATION WITH TWO MOTOR HOUSINGS ATTACHED TOGETHER |

OPTIONAL BEARINGS:

1 ROLLER CIRCUMFERENCE, 1 BALL CIRCUMFERENCE, RAPID REMOVAL.

DUAL FUEL:

ELECTRIC OR GASEOUS (COMBUSTIBLE *H₂, NATURAL GAS, OR COMPRESSED AIR)

FUEL ROUTING:

AIR AND FUEL ROUTED WITHIN SEPARATE CHANNELS SANDWICHED BETWEEN MOTOR HOUSING LAYERS

MOTOR HOUSING:

2.4" STANDARD DIAMETER

FLAME ARRESTOR:

OPTIONAL FOR H₂ AND O₂ FUEL SOURCES.

PROCUREMENT (PARTS LOG)

[illegible]

SHOP DRAWINGS & CUT LIST

V2 SKETCH (AXIAL SECTION) OF A CYLINDRICAL MOTOR FOR AIR/LAND/SEA
(PROPELLER, TIRE + TREAD, PROP) + OPTION FOR FIXED CHAIN DRIVE

BOLTS

COGGED RING (SPROCKET) FOR TRACTOR TREADS (INCREASE THICKNESS PAST WHEELS)
 OR ALTERNATE CHAIN DRIVE (POSSIBLY A PEDALED ELECTRICITY GENERATOR)

TIRE - RING CAP

POWER +/-, PRESSURIZED AIR MOTOR PHASE FEEDBACK

CONNECTION TO PUMPAGE

THRUST BEARING CHANNEL (WEIGHT & TANGENTIAL FORCE) - STAINLESS

IRON PNEUMATIC AIR CUPS & E-MOTOR ROTORS

AXIS TOP & BOTTOM CAP (PROPELLER BLADE CONNECTOR) WITH THROUGH BOLT

PROPELLER & CUPS *AT CENTER AND IN GREEN

ROLLER BEARING REINFORCED EDGE (SPEED & CENTRIPITAL FORCE) - STAINLESS

CLOCKWISE

ROLLER BEARINGS (AT ODD HOURS - 6 TOTAL)

ALTERNATE - FIXED POSITION LOUVER (STRAIGHTEN FLOW OR ATTACH A CONTRA ROTATION)

ATTACHMENT BETWEEN CLOCKWISE AND COUNTERCLOCKWISE MOTOR SECTIONS IS BY BOLT IN THE SAME CHANNEL AS THE ROLLER BEARINGS, AT EVEN HOUR POINTS AROUND THE CIRCUMFERENCE.

MOTOR HOUSING

BALL BEARINGS: INSTALL RETAINER ON PROP > BALLS > SET IN PLACE > ADD CAP

BALL BEARING CAP

COUNTERCLOCKWISE

WOULD THIS ALSO FUNCTION AS A CHAIN DRIVEN GENERATOR? CHECK HAND CRANK VIDEO FOR CAPACITOR CHARGING EXAMPLE.

WHY THIS DESIGN? - MULTIPLE FUEL SOURCES WITHOUT ADDITIONAL WEIGHT AND WITH AIR/LAND/SEA OPERATION. - ELECTRIC POWERED, GAS POWERED, OR PEDAL POWERED. HOW? - ELECTRIC MOTOR ROTORS ARE ALSO "BUCKETS" FOR COMBUSTION/EXHAUST GAS WHILE ALSO EXISTING AS STANDARD FAN BLADES ORIENTED TO THE PROPELLER, TIRE/SPROCKET IS REMOVABLE FOR LAND TRAVEL THROUGH A SEPARATE BIKE CRANK WHILE BALL BEARINGS MAINTAIN WEIGHT SUPPORT, A LOW-PROFILE ELECTRIC MOTOR WITH BUILT-IN ELECTRIC BRAKES FROM A RELUCTANCE MOTOR ROTOR SYSTEM ALSO ALLOWS FOR SPEED CONTROL AND ELECTRIC PROPULSION.

